

PTO/SB/21 (08-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/783,497
Filing Date	February 20, 2004
First Named Inventor	Peter Hayward
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	647P007

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
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| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | -References cited -31 |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kevin S. Lemack Niels & Lemack
Signature	
Date	March 23, 2004

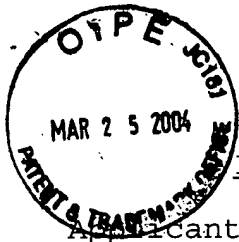
CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Kevin S. Lemack		
Signature		Date	March 23, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Peter Hayward et al.
Serial No. : 10/783,497
Filed : February 20, 2004
For : HIGH CTE REACTION-BONDED CERAMIC MEMBRANE
SUPPORTS
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 647P007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT

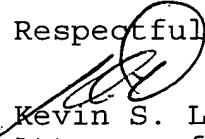
The Examiner is respectfully requested to consider the documents which are listed on the attached form PTO 1449.

Copies of the documents listed on the attached form are filed herewith.

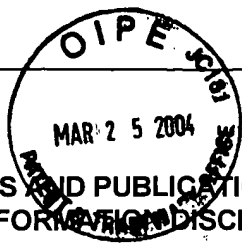
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Signature: **Kevin S. Lemack**
Date: **March 23, 2004**

Respectfully submitted,


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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 647P007	SERIAL NO. 10/783,497
	Peter Hayward et al.	
	FILING DATE February 20, 2004	GROUP Not yet assigned


REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,885,977	5/1975	Lachman et al.	106	62	
	AB	3,899,326	8/1975	Frost et al.	75	214	
	AC	4,060,488	11/1977	Hoover et al.	210	433 M	
	AD	4,069,157	1/1978	Hoover et al.	210	433 M	
	AE	4,781,831	11/1988	Goldsmith	210	247	
	AF	4,894,160	1/1990	Abe et al.	210	510.1	
	AG	5,009,781	4/1991	Goldsmith	210	247	
	AH	5,108,601	4/1992	Goldsmith	210	247	
	AI	5,195,319	3/1993	Stobbe	60	303	
	AJ	5,223,318	6/1993	Faber et al.	428	116	
	AK	5,326,519	7/1994	Claussen	264	65	
	AL	5,415,775	5/1995	Castillon et al.	210	490	
	AM	5,497,620	3/1996	Stobbe	60	303	
	AN	5,599,383	2/1997	Dyer et al.	96	8	
	AO	5,607,586	3/1997	Grangeon et al.	210	321.78	
	AP	5,607,630	3/1997	Claussen	264	60	
	AQ	5,641,332	6/1997	Faber et al.	55	523	
	AR	5,681,373	10/1997	Taylor et al.	96	11	
	AS	5,824,220	10/1998	Grangeon et al.	210	490	
	AT	5,843,859	12/1998	Claussen	501	128	
	AU	5,855,781	1/1999	Yorita et al.	210	321.82	
	AV	6,025,065	2/2000	Claussen et al.	428	307.7	
	AW	6,051,277	4/2000	Claussen et al.	427	376.3	
	AX	6,077,436	6/2000	Rajnik et al.	210	650	
	AY	6,565,632	5/2003	Van Hassel et al.	96	10	
	AZ	6,695,967	2/2004	Bishop et al.	210	510.1	
	BA	2003/0190486	10/2003	Roa et al.	428	469	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	CA		Separation and Purification Methods, 31(1), 1-169 (2002); S.N. Paglieri et al.; "Innovations in Palladium Membrane Research" pp. 1 & 35-41
	CB		J.Am. Ceram Soc. 76[4] 970-80 (1993); Suxing Wu et al.; "Mechanisms and Kinetics of Reaction-Bonded Aluminum Oxide Ceramics".
	CC		J.Am.Ceram Soc. 80[6] 1508-16 (1997); Greg A. Ward et al.; "Synthesis of Barium Hexaferrite by the Oxidation of a Metallic Barium-Iron Precursor"
	CD		J.Am Ceram Soc. 77 [11] 2898-904 (1994); Suxing Wu et al.; "Reaction Bonding and Mechanical Properties of Mullite/Silicon Carbide Composites"

EXAMINER	DATE CONSIDERED
EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	